

GenCore version 5.1.4 p5\_4578  
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OM nucleic - nucleic search, using sw model

Run on: March 15, 2003, 12:16:13 ; Search time 0.664702 Seconds  
(without alignments)  
9688.871 Million cell updates/sec

Title: US-08-978-217-13

Perfect score: 21  
Sequence: 1 CCGGACATCTCATCCACC 21

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents NA: \*  
1: /cgn2\_6/prodata/1/ina/5A COMB.seq: \*  
2: /cgn2\_6/prodata/1/ina/5B COMB.seq: \*  
3: /cgn2\_6/prodata/1/ina/6A COMB.seq: \*  
4: /cgn2\_6/prodata/1/ina/6B COMB.seq: \*  
5: /cgn2\_6/prodata/1/ina/PCTUS COMB.seq: \*  
6: /cgn2\_6/prodata/1/ina/backfile1.seq: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	21	100.0	1920	1	US-08-746-789A-1
2	16.2	77.1	165	1	US-08-456-647B-1
3	16.2	77.1	165	2	US-08-237-401A-1
4	16.2	77.1	361	4	US-09-643-597-303
5	16.2	77.1	437	4	US-09-328-111-567
6	16.2	77.1	1228	3	US-08-826-246-9
7	16.2	77.1	1228	3	US-08-944-495-9
8	16.2	77.1	1228	3	US-09-126-640-5
9	16.2	77.1	1228	4	US-08-925-588-9
10	16.2	77.1	1228	4	US-09-288-292A-5
11	15.8	75.2	718	4	US-08-988-416-682
12	15.2	72.4	1026	4	US-09-129-033-1
13	15.2	72.4	1074	4	US-09-516-914-16
14	15.2	72.4	1320	2	US-08-461-775-8
15	15.2	72.4	1320	3	US-09-031-606-8
16	15.2	72.4	1515	4	US-09-292-768-5
17	15.2	72.4	1620	2	US-08-461-775-10
18	15.2	72.4	1620	3	US-09-031-606-10
19	15.2	72.4	1665	4	US-08-881-784-8
20	15.2	72.4	1665	3	US-09-292-768-3
21	15.2	72.4	1665	4	US-09-292-768-67
22	15.2	72.4	1665	4	US-09-292-768-69
23	15.2	72.4	1977	4	US-08-574-959A-3
24	15.2	72.4	1977	4	US-09-357-014-3
25	15.2	72.4	2167	2	US-08-461-775-9
26	15.2	72.4	2167	3	US-09-031-606-9
27	15.2	72.4	2668	2	US-08-461-775-11

28	15.2	72.4	2668	3	US-09-031-606-11	Sequence 11, Appl
29	15.2	72.4	2680	4	US-09-063-035-1	Sequence 1, Appl1
30	15.2	72.4	9785	4	US-09-479-128-1	Sequence 1, Appl1
31	15.2	72.4	10763	1	US-08-761-258-1	Sequence 1, Appl1
32	15.2	72.4	10763	2	US-08-977-306-1	Sequence 1, Appl1
33	15.2	72.4	14272	4	US-09-516-914-23	Sequence 23, Appl
34	15.2	72.4	4403765	4	US-09-103-840A-2	Sequence 2, Appl1
35	15.2	72.4	4411529	4	US-09-103-840A-1	Sequence 1, Appl1
36	14.8	70.5	1801	1	US-08-557-917A-1	Sequence 1, Appl1
37	14.8	70.5	1801	3	US-09-084-153-1	Sequence 1, Appl1
38	14.8	70.5	1801	3	US-09-084-079-1	Sequence 1, Appl1
39	14.8	70.5	2243	3	US-09-084-079-4	Sequence 4, Appl1
40	14.8	70.5	2896	1	US-08-441-430-31	Sequence 31, Appl
41	14.8	70.5	2995	1	US-08-441-430-32	Sequence 32, Appl
42	14.8	70.5	3371	4	US-09-116-473-1	Sequence 1, Appl1
43	14.8	70.5	6831	4	US-08-609-049A-27	Sequence 27, Appl
44	14.8	70.5	6831	4	US-09-170-996-27	Sequence 27, Appl
45	14.6	69.5	22	2	US-08-747-536-22	Sequence 22, Appl

## ALIGNMENTS

RESULT 1  
US-08-746-789A-1  
; Sequence 1, Application US/08746789A  
; Patent No. 5789200  
GENERAL INFORMATION:  
; APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck  
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELS3  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SmithKline Beecham Corporation  
; STREET: 709 Swedeland Road, P.O. Box 1539  
; CITY: King of Prussia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19406-0939  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: MICROSOFT WORD  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/746,789A  
; FILING DATE: No. 5789200ember 15, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: William T. Han  
; REGISTRATION NUMBER: 34,344  
; REFERENCE/DOCKET NUMBER: ATG 50024  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 610 270 5219  
; TELEFAX: 610 270 4026  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1920  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: No  
; US-08-746-789A-1  
Query Match 100.0%; Score 21; DB 1; Length 1920;  
Best Local Similarity 100.0%; Pred. No. 0.69;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 CCGGACATCTCATCCACC 21  
DB 951 CCGGACATCTCATCCACC 971

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RESULT 2
US-08-456-647B-1/C
; Sequence 1, Application US/08456647B
; Patent No. 581516
; GENERAL INFORMATION:
; APPLICANT: Lemke Ph.D. et al., Greg E.
; TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/456,647B
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/237,401
; FILING DATE: 02-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/884,486
; FILING DATE: 15-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: 07251/007002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; IMMEDIATE SOURCE:
; CLONE: Tyro-1
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..165
US-08-456-647B-1

Query Match          77.1%; Score 16.2; DB 1; Length 165;
Best Local Similarity 85.7%; Pred. No. 77;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      1 CCGGACATCCTCATCCACC 21
Db      76 CCGGATCATCTCAAGCACCC 56

RESULT 3
US-08-237-401A-1/C
; Sequence 1, Application US/08237401A
; Patent No. 5837448
; GENERAL INFORMATION:
; APPLICANT: Lemke Ph.D. et al., Greg E.
; TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/456,647B
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/237,401
; FILING DATE: 02-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/884,486
; FILING DATE: 15-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: 07251/007002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; IMMEDIATE SOURCE:
; CLONE: Tyro-1
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..165
US-08-237-401A-1
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; CITY: La Jolla
; STATE: CA
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/237,401A
; FILING DATE: 02-MAY-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/884,486
; FILING DATE: 15-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile Ph.D., Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07251/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; IMMEDIATE SOURCE:
; CLONE: Tyro-1
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..165
US-08-237-401A-1

Query Match          77.1%; Score 16.2; DB 2; Length 165;
Best Local Similarity 85.7%; Pred. No. 77;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      1 CCGGACATCCTCATCCACC 21
Db      76 CCGGATCATCTCAAGCACCC 56

RESULT 4
US-09-643-597-303
; Sequence 303, Application US/09643597
; Patent No. 6426072
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy
; APPLICANT: Fanger, Gary R.
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Henderson, Robert A.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCES: 210121,455C11.
; CURRENT APPLICATION NUMBER: US/09/643,597
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 303
; LENGTH: 361
; TYPE: DNA
; ORGANISM: Homo sapien
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FEATURE:  
NAME/KEY: misc.feature  
LOCATION: (1)...(361)  
OTHER INFORMATION: n = A,T,C or G  
US-09-643-597-303

Query Match 77.1%; Score 16.2; DB 4; Length 361;  
Best Local Similarity 85.7%; Pred. No. 82;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACCC 21  
DB 257 CCGGACGCTCTCCCAACC 277

RESULT 5  
US-09-328-111-567  
Sequence 567, Application US/09328111  
Patent No. 6262333  
GENERAL INFORMATION:  
APPLICANT: Endege, Wilson O.  
APPLICANT: Steinmann, Kathleen E.  
APPLICANT: Aslie, Jon H.  
APPLICANT: Burgess, Christopher C.  
APPLICANT: Bushnell, Steven E.  
APPLICANT: Carroll III, Eddie  
APPLICANT: Carino, Theodore J.  
APPLICANT: Derti, Adnan  
APPLICANT: Ford, Donna M.  
APPLICANT: Lewis, Marcia E.  
APPLICANT: Monahan, John E.  
APPLICANT: Schlegel, Robert  
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION  
TITLE OF INVENTION: PRODUCTS  
FILE REFERENCE: CCD-257 (US)  
CURRENT APPLICATION NUMBER: US/09/328,111  
CURRENT FILING DATE: 1999-06-08  
EARLIER APPLICATION NUMBER: US 60/088,801  
EARLIER FILING DATE: 1998-06-10  
NUMBER OF SEQ. ID NOS: 850  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 567  
LENGTH: 427  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-328-111-567

Query Match 77.1%; Score 16.2; DB 4; Length 427;  
Best Local Similarity 85.7%; Pred. No. 83;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACCC 21  
DB 257 CCGGACGCTCTCCCAACC 277

RESULT 6  
US-08-826-246-9/C  
Sequence 9, Application US/08826246  
Patent No. 6048709  
GENERAL INFORMATION:  
APPLICANT: Falb, Dean  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
TITLE OF INVENTION: THE TREATMENT AND DIAGNOSIS OF  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/826,246  
FILING DATE: 28-MAR-1997  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/799,910  
FILING DATE: 13-FEB-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/011,787  
FILING DATE: 16-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-078-999  
TELEPHONE: (212)7909080  
TELEFAX: (212)6699741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ. ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1228 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: Coding Sequence  
LOCATION: 1...468  
OTHER INFORMATION:  
US-08-826-246-9

Query Match 77.1%; Score 16.2; DB 3; Length 1228;  
Best Local Similarity 85.7%; Pred. No. 89;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACCC 21  
DB 952 CCGGACGCTCTCCCAACC 932

RESULT 7  
US-08-944-495-9/C  
Sequence 9, Application US/08944495  
Patent No. 6087477  
GENERAL INFORMATION:  
APPLICANT: Falb, Dean  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
TITLE OF INVENTION: THE TREATMENT AND DIAGNOSIS OF  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/944,495  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/799,910

```

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-067-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1228 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...468
; OTHER INFORMATION:
;
US-08-944-495-9

Query Match          77.1%; Score 16.2; DB 3; Length 1228;
Best Local Similarity 85.7%; Pred. No. 89;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACC 21
DB 952 CCGGACGCTCTCTCCACC 932

RESULT 8
US-09-126-640-5/c
; Sequence 5, Application US/09126640A
; Patent No. 6099823
; GENERAL INFORMATION:
; APPLICANT: FALB, Dean A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITL OF INVENTION: TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
; FILE REFERENCE: 7853-126
; CURRENT APPLICATION NUMBER: US/09/126,640A
; CURRENT FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 08/870,434
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 08/799,910
; EARLIER FILING DATE: 1997-02-13
; EARLIER APPLICATION NUMBER: 60/011,787
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 1228
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-126-640-5

Query Match          77.1%; Score 16.2; DB 3; Length 1228;
Best Local Similarity 85.7%; Pred. No. 89;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACC 21
DB 952 CCGGACGCTCTCTCCACC 932

RESULT 9
US-08-925-588-9/c
; Sequence 9, Application US/08925588
; Patent No. 6231628
; GENERAL INFORMATION:
; APPLICANT: Falb, Dean
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; THE TREATMENT AND DIAGNOSIS OF
```

```

; CARDIOVASCULAR DISEASE
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/925,588
; FILING DATE: 08-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/799,910
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-067-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1228 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...468
; OTHER INFORMATION:
;
US-08-925-588-9

Query Match          77.1%; Score 16.2; DB 4; Length 1228;
Best Local Similarity 85.7%; Pred. No. 89;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACC 21
DB 952 CCGGACGCTCTCTCCACC 932

RESULT 10
US-09-288-292A-5/c
; Sequence 5, Application US/09288292A
; Patent No. 6359194
; GENERAL INFORMATION:
; APPLICANT: Dean A. Falb
; APPLICANT: Katherine Galvin
; APPLICANT: Dennis Huezar
; APPLICANT: Michael A. Gambone, Jr.
; TITLE OF INVENTION: Compositions and Methods for the Treatment and Diagnosis of
; TITLE OF INVENTION: Cardiovascular Disease
; FILE REFERENCE: 7853-140-999
; CURRENT APPLICATION NUMBER: US/09/288,292A
; CURRENT FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: 08/870,434
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 08/799,910
; PRIOR FILING DATE: 1997-02-13
; PRIOR APPLICATION NUMBER: 60/011,787
; PRIOR FILING DATE: 1996-02-16
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PRIOR APPLICATION NUMBER: 08/485,573  
PRIOR FILING DATE: 1995-06-07  
PRIOR APPLICATION NUMBER: 08/386,844  
PRIOR FILING DATE: 1995-02-10  
NUMBER OF SEQ ID NOS: 46  
SOFTWARE: FaetsEQ for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 1228  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)...(468)  
US-09-288-292A-5

Query Match  
Best Local Similarity 77.1%; Score 16.2; DB 4; Length 1228;  
Best Local Similarity 85.7%; Pred. No. 89;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21  
DB 952 CCGGACGCTCTCCACCACC 932

RESULT 11  
US-08-998-416-682  
Sequence 682, Application US/08998416  
Patent No. 6239264  
GENERAL INFORMATION:  
APPLICANT: Philippsen, Peter  
APPLICANT: Pohlmann, Rainer  
APPLICANT: Steiner, Sabine  
APPLICANT: Mohr, Christine  
APPLICANT: Wendland, Jürgen  
APPLICANT: Knechtle, Philipp  
APPLICANT: Redischung, Corinne  
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSYPYII  
TITLE OF INVENTION: AND USES THEREOF  
NUMBER OF SEQUENCES: 1152  
CORRESPONDENCE ADDRESS: 1152  
ADDRESSEE: No. 6239264artis Corporation  
STREET: 3054 Cornwallis Road  
CITY: Research Triangle Park  
STATE: No. 6239264th Carolina  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/998,416  
FILING DATE: 24-DEC-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: CH 0016/97  
FILING DATE: 31-DEC-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CCCI976  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-541-8587  
TELEFAX: 919-541-8689  
INFORMATION FOR SEQ ID NO: 682:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 718 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:

ORGANISM: PAG1452UP  
US-08-998-416-682

Query Match  
Best Local Similarity 75.2%; Score 15.8; DB 4; Length 718;  
Best Local Similarity 89.5%; Pred. No. 13e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCAC 19  
DB 162 CTGACATCCTCATCCAC 180

RESULT 12  
US-09-129-033-1  
Sequence 1, Application US/09129033  
Patent No. 6329185  
GENERAL INFORMATION:  
APPLICANT: Kofod, Lene Venke  
APPLICANT: Kaupinen, Markus Sakari  
APPLICANT: Andersen, Lene No. 6329185boe  
APPLICANT: Clausen, Ib Groth  
TITLE OF INVENTION: An Enzyme with Galactanase Activity  
FILE REFERENCE: 4685.204-US  
CURRENT APPLICATION NUMBER: US/09/129,033  
CURRENT FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: PCT/DK97/00091  
PRIOR FILING DATE: 1997-02-28  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: FaetsEQ for Windows Version 4.0  
SEQ ID NO 1  
LENGTH: 1026  
TYPE: DNA  
ORGANISM: Meripilus giganteus  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)...(1026)  
US-09-129-033-1

Query Match  
Best Local Similarity 72.4%; Score 15.2; DB 4; Length 1026;  
Best Local Similarity 85.0%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 20  
DB 552 CCGGACATCCTCATCCACC 571

RESULT 13  
US-09-516-914-16/C  
Sequence 16, Application US/09516914  
Patent No. 633401  
GENERAL INFORMATION:  
APPLICANT: Breinig, Sabine  
APPLICANT: Fuchs, Georg  
TITLE OF INVENTION: Phenol-induced Proteins of Thauera aromatica  
FILE REFERENCE: BC1006 US NA  
CURRENT APPLICATION NUMBER: US/09/516,914  
CURRENT FILING DATE: 2000-03-01  
EARLIER APPLICATION NUMBER: 60/122,952  
EARLIER FILING DATE: 1999-03-05  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: Microsoft Office 97  
SEQ ID NO 16  
LENGTH: 1074  
TYPE: DNA  
ORGANISM: Thauera aromatica  
US-09-516-914-16

Query Match  
Best Local Similarity 72.4%; Score 15.2; DB 4; Length 1074;  
Best Local Similarity 85.0%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 20

Db 439 CCGGATGTCCATCCACC 420

## RESULT 14

US-08-461-775-8

; Sequence 8, Application US/08461775  
; Patent No. 5858773  
; GENERAL INFORMATION:  
; APPLICANT: MAZODIER, Philippe  
; APPLICANT: GUGLIEMI, Gerard  
; TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
; INITIATION OF TRANSCRIPTION  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Burns, Doane, Swecker & Mathis  
; STREET: George Mason Bldg., Washington & Prince Sts.  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 2213-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentln Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,775  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/050,313  
; FILING DATE: 10-MAY-1993  
; APPLICATION NUMBER: FR 9011186  
; FILING DATE: 10-SEP-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Crane-Feury, Sharon E  
; REGISTRATION NUMBER: 36,113  
; REFERENCE/DOCKET NUMBER: 010830-035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1320 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..1320  
US-08-461-775-8

Query Match 72.4%; Score 15.2; DB 2; Length 1320;  
Best Local Similarity 85.0%; Pred. No. 2.5e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 20  
Db 645 CCGGTACATCTGTATCCACC 664

RESULT 15

US-09-031-606-8

; Sequence 8, Application US/09031606  
; Patent No. 6153404  
; GENERAL INFORMATION:  
; APPLICANT: MAZODIER, Philippe  
; APPLICANT: GUGLIEMI, Gerard  
; TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
; INITIATION OF TRANSCRIPTION  
; NUMBER OF SEQUENCES: 15

## CORRESPONDENCE ADDRESS:

; ADDRESSEE: Burns, Doane, Swecker & Mathis  
; STREET: George Mason Bldg., Washington & Prince Sts.  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 2213-1404

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentln Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/031,606  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/050,313  
; FILING DATE: 10-MAY-1993  
; APPLICATION NUMBER: FR 9011186  
; FILING DATE: 10-SEP-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Crane-Feury, Sharon E  
; REGISTRATION NUMBER: 36,113  
; REFERENCE/DOCKET NUMBER: 010830-035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1320 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..1320  
US-09-031-606-8

## Query Match 72.4%; Score 15.2; DB 3; Length 1320;

Best Local Similarity 85.0%; Pred. No. 2.5e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 20

Db 645 CCGGTACATCTGTATCCACC 664

Search completed: March 15, 2003, 15:13:08  
Job time : 9.6647 secs